

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY			
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Work Order ID 90232

Wednesday, September 12, 2012 4:17:53 PM

90232

Page 2

Item ID: D4576-3 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: PRELIM Stop ***NS2***
Item Name: Stop Collar
Start Date: 9/12/2012 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 9/14/2012 Req'd Qty: 4.00 ***4*** Customer:
Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.00							
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <u>WFA 031</u> Memo	0.00 0.00							
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							

20 12-9-13

14 d
WFA 031
C
27
BS 23
2X

B-530

13/5/14

POSITIVE RECALL

EFFECTIVE _____ AUTH UMF
RELEASED 5 DATE 13/07/13

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

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Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
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Training <input type="checkbox"/>									
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FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

Wednesday, September 12, 2012 4:17:52 P

Page 1

Work Order ID: 90232

Parent Item: D4576-3

Parent Item Name: Stop Collar

Start Date: 9/12/2012

Required Date: 9/14/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 12-01-12 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304R.500 304 SS roundbar .500		Purchased	No				f	37.2750		0.216			

Location

MAT029

115334

117890

Loc Qty

37.275

16.335

20.94

Loc Code

13

12-09-13

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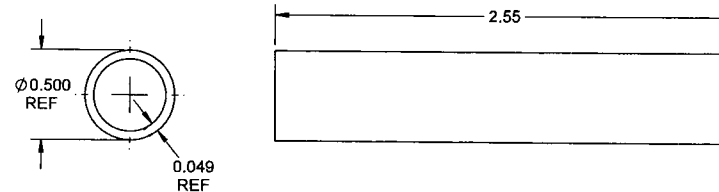
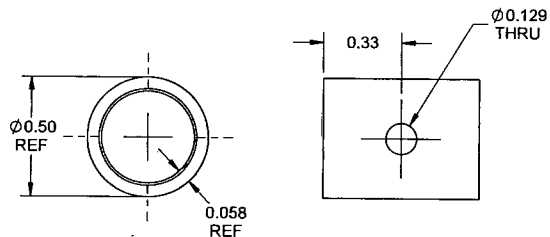
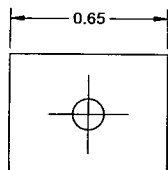
C

B

B

A

A

**D4576-5 FORWARD PLATE GUIDE****D4576-3 STOP COLLAR****NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING
D4576-3: 0.500 O.D. X 0.058 WALL
REF. DART SPEC M304TR0.500W.058
D4576-5: 0.500 O.D. X 0.049 WALL
REF. DART SPEC M304TR0.500W.049
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
- 7) WEIGHT: - D4576-3 = 0.01 lbs ea.
- D4576-5 = 0.06 lbs

PRELIMINARY C1
12.07.03 (A/S)

90232

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED		DRAWING NO. D4576	REV. PC1
MFG. APPR.			SHEET 8 OF 12
APPROVED		TITLE	SCALE
DE APPR.		HORIZONTAL LINKAGE ASSY	NTS
DATE	12.04.17	<small>COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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Receiving Report

Date: 10/28
Supplier: CAMP

Batch No: M115334
Dart P/O: 12 334

Packing Slip: Yes ☒ No ☐
Invoice: Yes ☐ No ☒
Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
Waybill Attached: Yes ☐ No ☒
Shipment Complete: Yes ☒ No ☐ N/A ☐
QC6 Inspection: 8 N/A ☐
Work Order: 10/28/04 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 10/28/04
Date
Received/Costing
Initial [Signature]

Location

(TUE)AUG 3 2010 16:00/ST. 15:59/No. 7523655051 P 1

(TUE)AUG 3 2010 16:00/ST. 15:59/No. 7523655051 P 1

ACER CAMP STEEL

935, bouf. du Havre
Valleyfield (Québec)
JES 5L1

TELEPHONE: 450 377-4248
FAX: 450 377-5696

MONTREAL : 514 336-4248
FAX : 514 336-4246

DISTRIBUTEUR D'ACIER ET MÉTAUX SPÉCIALISÉS
STEEL AND SPECIALTY METALS DISTRIBUTOR

ONTARIO : 1 800 667-4248
FAX : 1 866 456-4242

On a du Savoir " FER "

613-632-5200 613-632-1053

EXPEDIEZ A / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY,
ONTARIO
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY,
ONTARIO
K6A 1K7

DE COMMANDE / YOUR P.O. NO.	VENDEUR / SALESMAN	CODE CLIENT / CUST. CODE	EXPÉDITEUR / SHIP VIA	TERME / TERMS	TAUX	REMARQUES / REMARKS	PAGE N°
12334	D	DAER		NET 30 JOURS	2R		001

CODE DE PRODUIT PRODUCT CODE	COMMANDE ORDERED	EXEMPLE SHIPPED	DESCRIPTION	POIDS WEIGHT	PRIX PRICE	PAR PER *	MONTANT AMOUNT
1							
38	48	48	S.S. 304 ROUND 3/8 4 X 12' HEAT#: <u>14925</u>	18	314.950	CLB	57.45
12	48	48	S.S. 304 ROUND 1/2 4 X 12' HEAT#: <u>77977</u>	32	282.950	CLB	91.00
1	1	1	ENERGETIC SURCHARGE	1	3.950	UN	3.95
1	1	1	TRANSPORT CHARGE	1	30.000	UN	30.00

CLB Conclaves
Hundred counts

CPI Conclaves
Hundred feet

UN Unit
(Unit)

PI Pled
Foot

PC Pled came
Square foot

POIDS TOTAL	52
TOTAL WEIGHT	

CTIONS :

[illegible]

CONDITIONS:

[illegible]

MERCHANDISE REGIE IN GUTTER CONDITION MERCHANDISE RECEIVED IN GOOD CONDITION

PREPARED	VERIFIED / VERIFIED
----------	---------------------

LIBRE / DELIVERED

HEURE / TIME

FAR
BYPAR
BY

PS: G5T REG. N° R 125 534 717 - N° ENL. TIV. QST REG. N° 1 015 688 543

SIGNATURE DU CLIENT / CUSTOMER'S SIGNATURE

DATE: _____

SOLS-TOTAL	182.48
SUB TOTAL	

T.P.S.	0.00
G.S.T.	

T.V.Q.	23.71
Q.S.T	

TOTAL	206.11
--------------	---------------

TEST CERTIFICATE

CUSTOMER:

ORDER NO.
P00678PACKING
LIST NO.
IMP/100281INSPECTION NO
IMP/100281/5DATE
30/08/2008BUNDLE NO.
2017838,2017885,2017886GRADE
304/304LDESCRIPTION:
STAINLESS STEEL BRIGHT BARS

S 1008/04

SMOOTH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
1/2	ROUND	ASTM A484	12' - 14'	469	3823

CHEMICAL ANALYSIS

HEAT NO

77977

C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
0.022	1.44	0.49	0.024	0.039	8.10	18.10	0.34	0.49	0.085	0.18

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
100	110	54	70	221	7

Specification:

MATERIAL CONFIRMS TO ASTM A182/A-182M-08, A276-08 COND X, A479/A479M-08, COND A, A193/A193M-08, B8 CL-1, A320/A320M-05, B8 CL-1, A484-08, A188/A388M-05, ASME SA182-04, SA479-04, SA193-04, B8 CL-1, SA320-04, B8 CL-1. IGC SATISFACTORY AS PER ASTM A282-02, PRACTICE E, AMS 5639G, QQ-S-783F, NACE-MR-01/1, 2002, AISI 304/304L UNS#S30400/S30403. CERTIFICATION AS PER EN 10204-3.1B.

Remarks:

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD WELD REPAIRS, MICRO FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES, MACRO GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 01 HRS, WATER QUENCHED. COUNTRY OF ORIGIN: INDIA.

We hereby certified that the material described above has been tested and complies with the terms of order/contract.

S. SUVARNA

S. SUVARNA



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO12334

Purchase Order Date 7/27/2010
PO Print Date 7/27/2010

Page Number 1 of 1

VC-CAM002

Order From :

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Contact Name
Vendor Phone 800 667 4248
Vendor Fax 450 377 5696
Vendor Account Nbr

Buyer Brigitte Golden
Requisition Nbr 10127-2607
Tax Resale Nbr Net 30
Terms CAD
Currency
FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Ext
1	M304R0.375	304 ROUND BAR 0.375	7/29/2010 Yes	✓ 48.00 f	Yours ppd	\$1.2000	

Special Inst:

MATERIAL: AISI 304/316 SS ROUND BAR
(NOTE: 303 NOT ACCEPTABLE)
AS PER ASTM A276

304 SS roundbar .500

7/29/2010
Yes

✓ 48.00
f
Yours ppd

\$1.9000

2

M304R.500

Special Inst:

MATERIAL: AISI 304/316 SS ROUND BAR
(NOTE: 303 NOT ACCEPTABLE)
AS PER ASTM A276

PO Total:

PO Instructions: RUSH ORDER PLEASE

Change Date: 7/27/2010

No substitution or deviation
consent.
Certificate of Conformity
Certification required when

8

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4

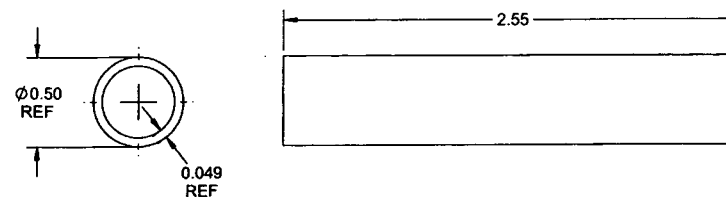
3

2

1

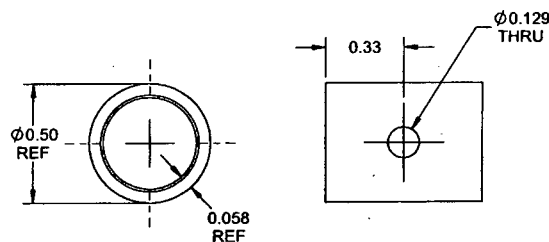
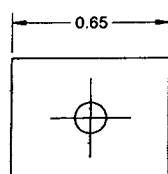
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**D4576-5 FORWARD PLATE GUIDE**

C

C

**D4576-3 STOP COLLAR**

B

B

NOTES:

1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING
 PER ASTM A213 OR ASME SA213 OR ASTM A269
 D4576-3: 0.500 O.D. X 0.058 WALL
 REF. DART SPEC M304TR0.500W.058
 D4576-5: 0.500 O.D. X 0.049 WALL
 REF. DART SPEC M304TR0.500W.049

2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: PER DART QSI 044 6.6 OR 6.7
 7) WEIGHT: - D4576-3 = 0.01 lbs ea.
 - D4576-5 = 0.06 lbs

RELEASE
 2012-09-26
 WND

DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	A.P.	DRAWING NO. D4576	REV. C
MFG. APPR.			SHEET 8 OF 12
APPROVED		TITLE HORIZONTAL LINKAGE ASSY	SCALE NTS
DE APPR.		COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	
DATE	12.09.11		

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